



#11/C

09/589,409

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Graydon Beatty	Examiner:	Cohen, Lee
Serial No.:	09/589,409	Group Art Unit:	3739
Filing Date:	06/07/2000	Docket No.:	1922
Title	Endocardial Mapping Catheter		

Date of Deposit: 11-21-02

I hereby certify that this paper is being deposited in the United States Postal Service, as Express mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231

Signature: Mary S. Keller
Printed Name: Mary S. Keller

**AMENDMENT ACCOMPANYING A
REQUEST FOR CONTINUED EXAMINATION**

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TECHNOLOGY CENTER R3700

Assistant Commissioner for Patents
Washington, DC 20231

The Examiner has issued a notice of Allowance for Claims 1 through 5 which are reprinted here for the convenience of the Examiner.

Claims as Allowed

1. A mapping catheter for use in mapping cardiac electrical potentials of a patient's heart comprising:
 - a) a set of electrodes;
 - b) first positioning means having a maximum diameter that defines the maximum diameter for said catheter, coupled to said set of electrodes for spacing a portion of said set of electrodes, defined as a first subset of electrodes, apart from and not in contact with a surface of said patient's heart, at least one of said subset of electrodes being located proximate said maximum diameter and at least